

Product Brief

10Gb M Pro series

Sources from the durable architecture M, M Pro achieved further evolution in hardware and software powered by 10Gb Ethernet and new RCC4.0 software.

Key Features



SSD Optional

2TB

Button easy for HDMI,battery,control

Offline operation

Lightweight design for easy integration

800g

 10Gbps

 10Bit



Auto EDR



Mechanical shutter



IP64 protection standard



Motorized Lens



200G sine wave 7ms 3-axes



-40°~70°C



WIFI



7.5Grms 15min 3-axes

SDI

1080P@50fps

EMC

EMC protection

100ns

Min. exposure time

Image intelligent trigger

150ns

Straddle time for PIV

Product Parameters

Key parameters

SKU	M230M/C Pro	M220M/C Pro
Sensor	CMOS	CMOS
Resolution	1920×1080	1920×1080
Frame	3200fps	22000fps
Shutter	Global shutter	Global shutter
Min. exposure time	100ns	100ns
PIV	150ns	150ns
AE	Available	Available
EDR	Available	Available

Connectivity and Signaling

SKU	M230M/C Pro	M220M/C Pro
Record button	Available	Available
Data interface	10 Gb/ Gb Ethernet	10 Gb/ Gb Ethernet
Video interface	3G-SDI/HDMI	3G-SDI/HDMI
Sync Input Interface	3.3/5V TTL	3.3/5V TTL
Sync Output Interface	5V TTL	5V TTL
Timing	DC IRIG_B in/GPI	DC IRIG_B in/GPI
Control interface	Reserve RS422	Reserve RS422

Memory

SKU	M230M/C Pro	M220M/C Pro
SSD	64GB/256GB/512GB/1TB/2TB	64GB/256GB/512GB/1TB/2TB

Mechanical Specifications

SKU	M230M/C Pro	M220M/C Pro
Lens	EF standard,F optional,C optional	EF standard,F optional,C optional
Size W×H×D	75×75×90mm	75×75×90mm
Weight	800g	800g
Mounting hole	Top Bottom with 1/4 threaded mounting holes	Top Bottom with 1/4 threaded mounting holes
Cooling	Fans	Fans

Electrical Specifications

SKU	M230M/C Pro	M220M/C Pro
Electricity supply	9~32VDC	9~32VDC
Power wastage	≤40W	≤40W

Environmental Specifications

SKU	M230M/C Pro	M220M/C Pro
Operating temperature	-20~50°C, -40~70°C optional	-20~50°C, -40~70°C optional
Operating humidity	0~95%	0~95%
Protection level	IP64	IP64
Shock	30G Max 200G backward peak wave @7mSec 3 axe	30G Max 200G backward peak wave @7mSec 3 axe
Vibration	7.5Grms 15min/3 axes	7.5Grms 15min/3 axes
EMC	Available	Available

10GB M PRO SERIES